

DEC 13 2004

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Randy Hoffman et al

Confirmation No.: 7102

Application No.: 10/763353

Examiner:

Filing Date: Jan 23, 2004

Group Art Unit:

Title: Semiconductor Device

Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97 (c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
☐ Statement under 37 CFR 1.97(e)(1) or (2), and
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).
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☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

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Typed Name: Donald J. Coulman

Signature: Donald J. Coulman

Respectfully submitted,

Randy Hoffman et al

By Donald J. Coulman

Donald J. Coulman

Attorney/Agent for Applicant(s)

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| | | Application Number | 10/763353 |
| | | Filing Date | Jan. 23, 2004 |
| | | First Named Inventor | Hoffman |
| | | Art Unit | |
| | | Examiner Name | |
| Sheet 2 | of 2 | Attorney Docket Number | 200311332-2 |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | 1 | YOUNG, "Growth and characterization of radio frequency magnetron sputter-deposited zinc stannate, Zn ₂ SnO ₄ , thin films"; Jnl of Appld Physics, Vol 92, No 1; 7/1/02; pg 310-319 | |
| | 2 | HOFFMAN, "ZnO-based transparent thin-film transistors"; Applied Physics Letters, Vol 82, No 5; 2/3/03; pg 733-735 | |
| | 3 | MINAMI, "Highly transparent and conductive zinc-stannate thin films prepared by RF Magnetron Sputtering"; Applied Physics, Vol 33, No 12A; 12/1/94; pg1693-1696. | |
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